

CLAIMS

What is claimed is:

1. In a motor vehicle having an in-floor recess, a multiple height load floor system comprising:
 - a folding seat assembly adjacent the in-floor recess and adapted for folding to a load floor configuration at two elevations relative to a vehicle datum; and
 - a load platform configured for covering the in-floor recess and being supported over the in-floor recess at the two elevations,whereby the folding seat assembly and the load platform adjoin to form a substantially continuous load floor.
2. The multiple height load floor system of claim 1, wherein the load platform comprises a low floor surface and an opposing high floor surface.
3. The multiple height load floor system of claim 2, wherein the load platform further comprises a plurality of support legs.
4. The multiple height load floor system of claim 3, wherein the support legs support the load platform over the in-floor recess.
5. The multiple height load floor system of claim 3, wherein the support legs are disposed opposite the high floor surface.
6. The multiple height load floor system of claim 2, wherein the two elevations comprise a low elevation and a high elevation.
7. The multiple height load floor system of claim 6, wherein the low floor surface is directed upwardly at the low elevation.
8. The multiple height load floor system of claim 1, wherein the load platform is supported by a sill surrounding the in-floor recess.

9. The multiple height load floor system of claim 8, wherein the seat assembly comprises an electro-mechanical mechanism for adjusting between the two elevations.

10. The multiple height load floor system of claim 1, wherein the seat assembly comprises an electro-mechanical mechanism for adjusting between the two elevations.

11. In a motor vehicle having a cargo area over an in-floor recess for storing a spare wheel and tire, a multiple height load floor system for covering the in-floor recess, providing one of two depths for the recess, the floor system adapted to allot a lesser volume to the in-floor recess for use with an undersized spare, or a greater volume for a full-size spare, and a folding seat adapted to be selectively raised or lowered to align with the upper surface of the load floor system, whereby the seat and load floor present a substantially flat surface for carrying cargo.

12. The multiple height load floor system of claim 11, wherein the seat comprises an electro-mechanical system for adjusting folded seat height.